

Fig. 3

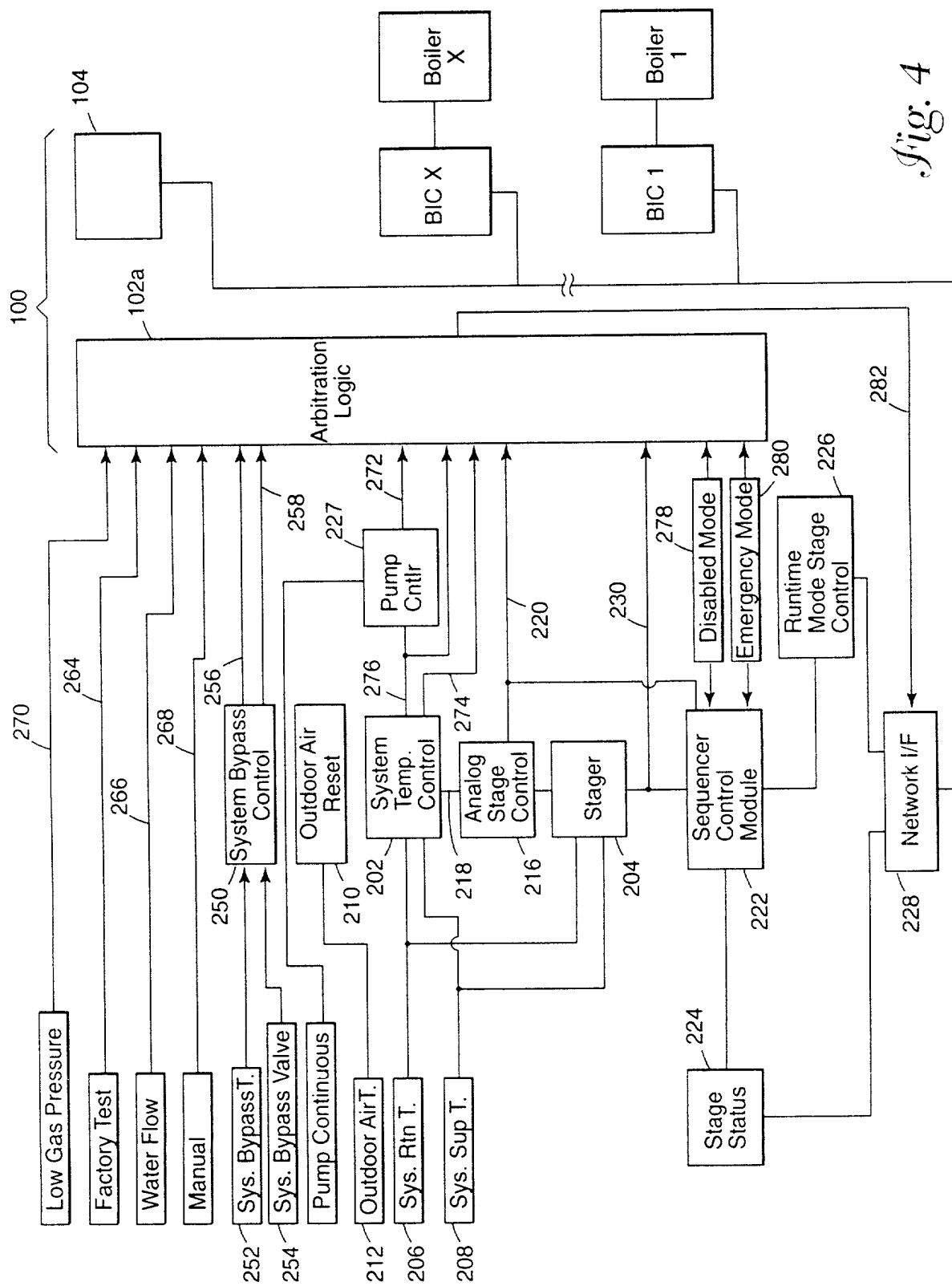


Fig. 4

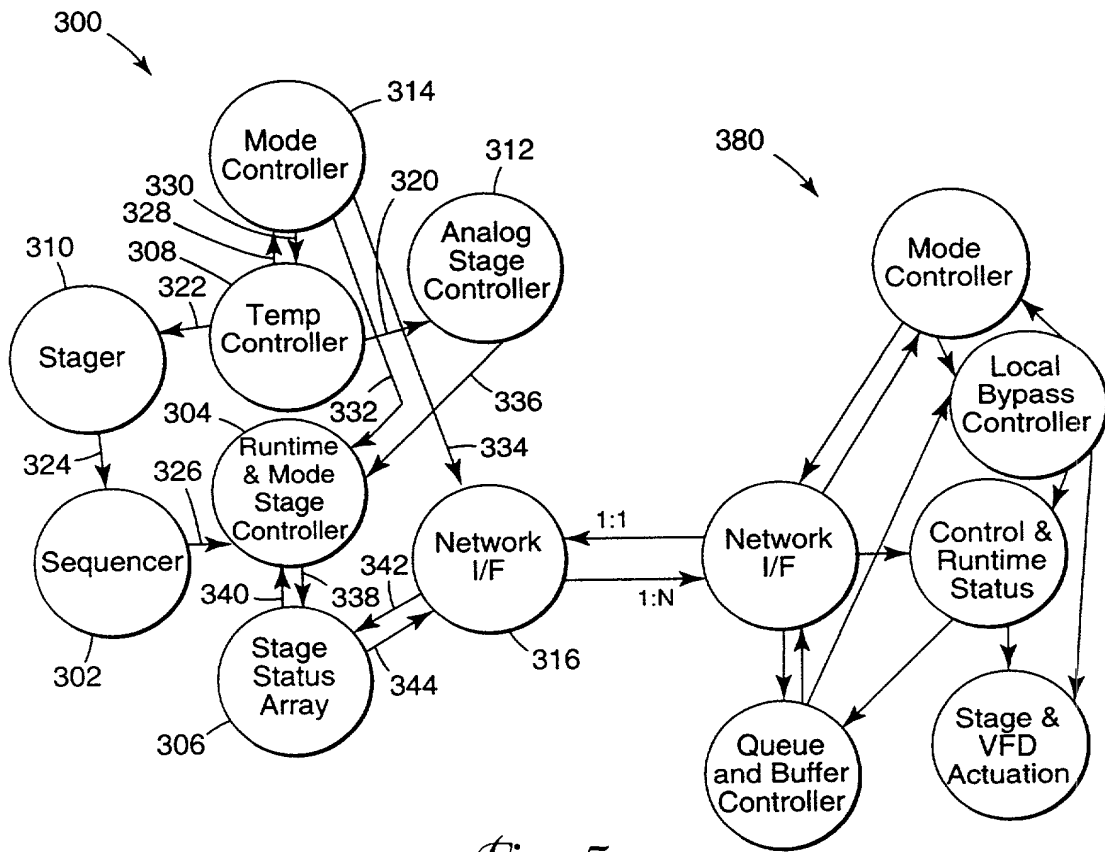


Fig. 5

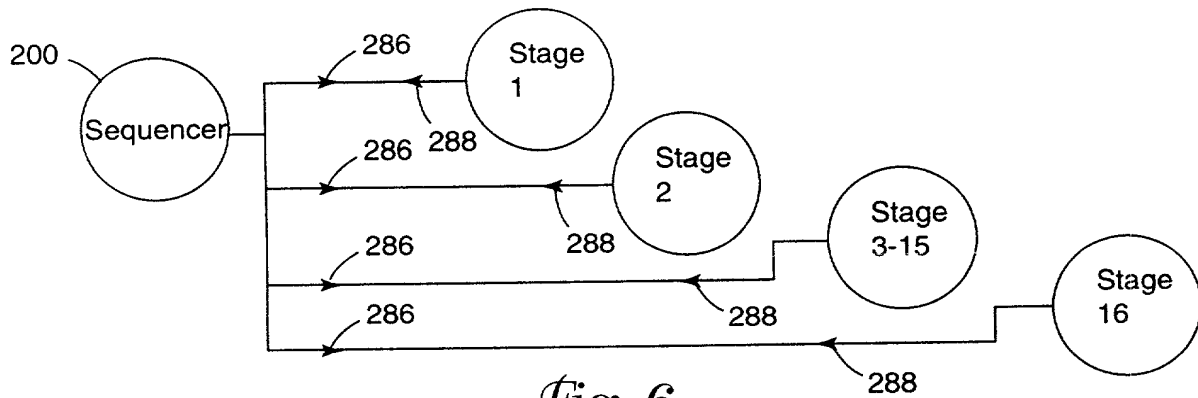


Fig. 6

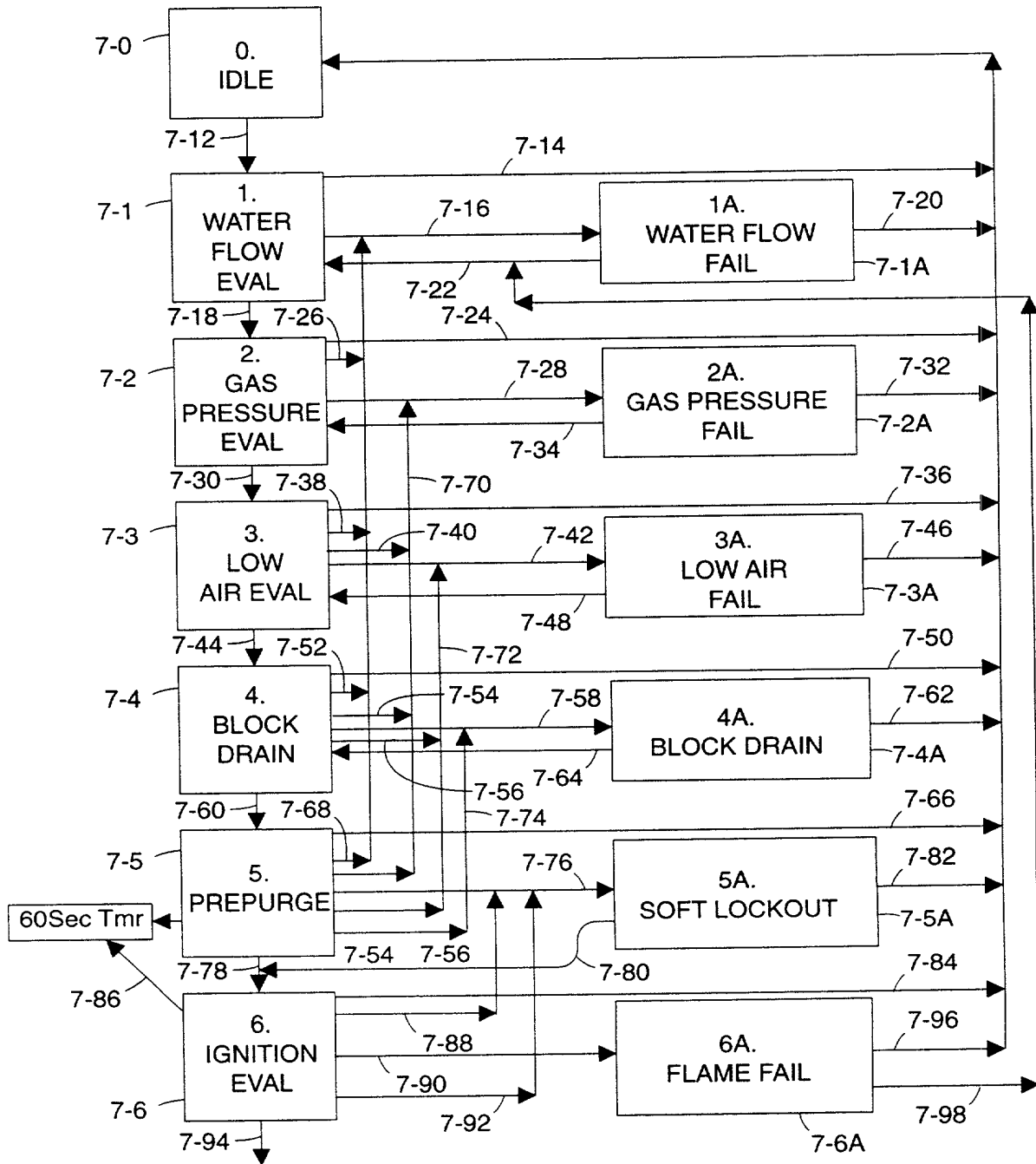


Fig. 7a

Fig. 7b

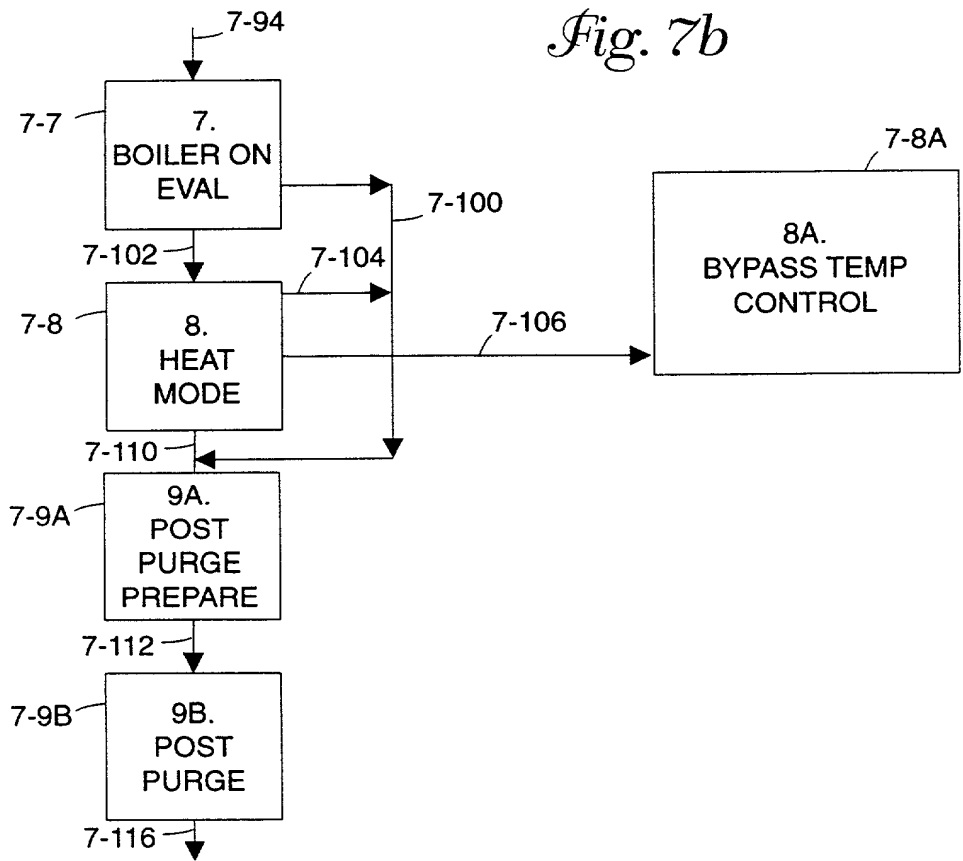
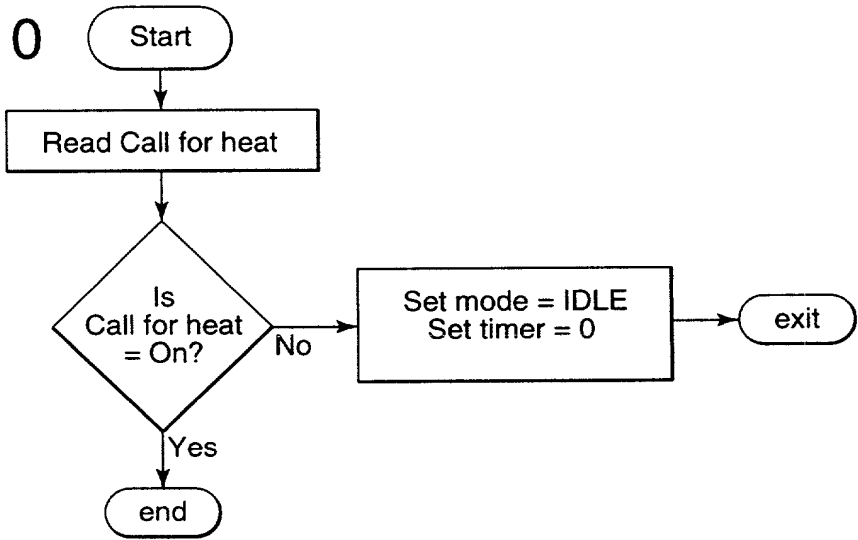


Fig. 8

Mode 0



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Mode 1

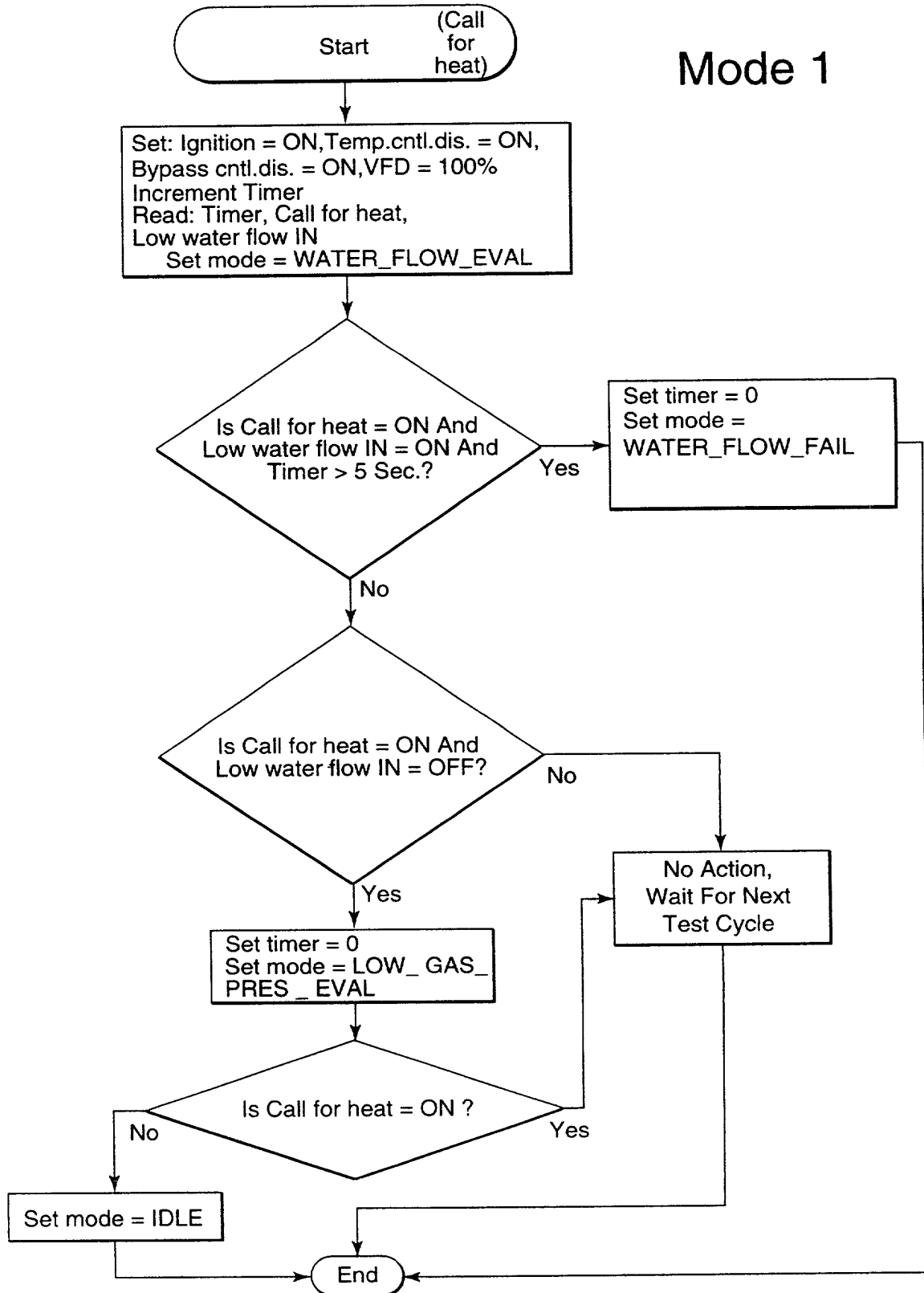
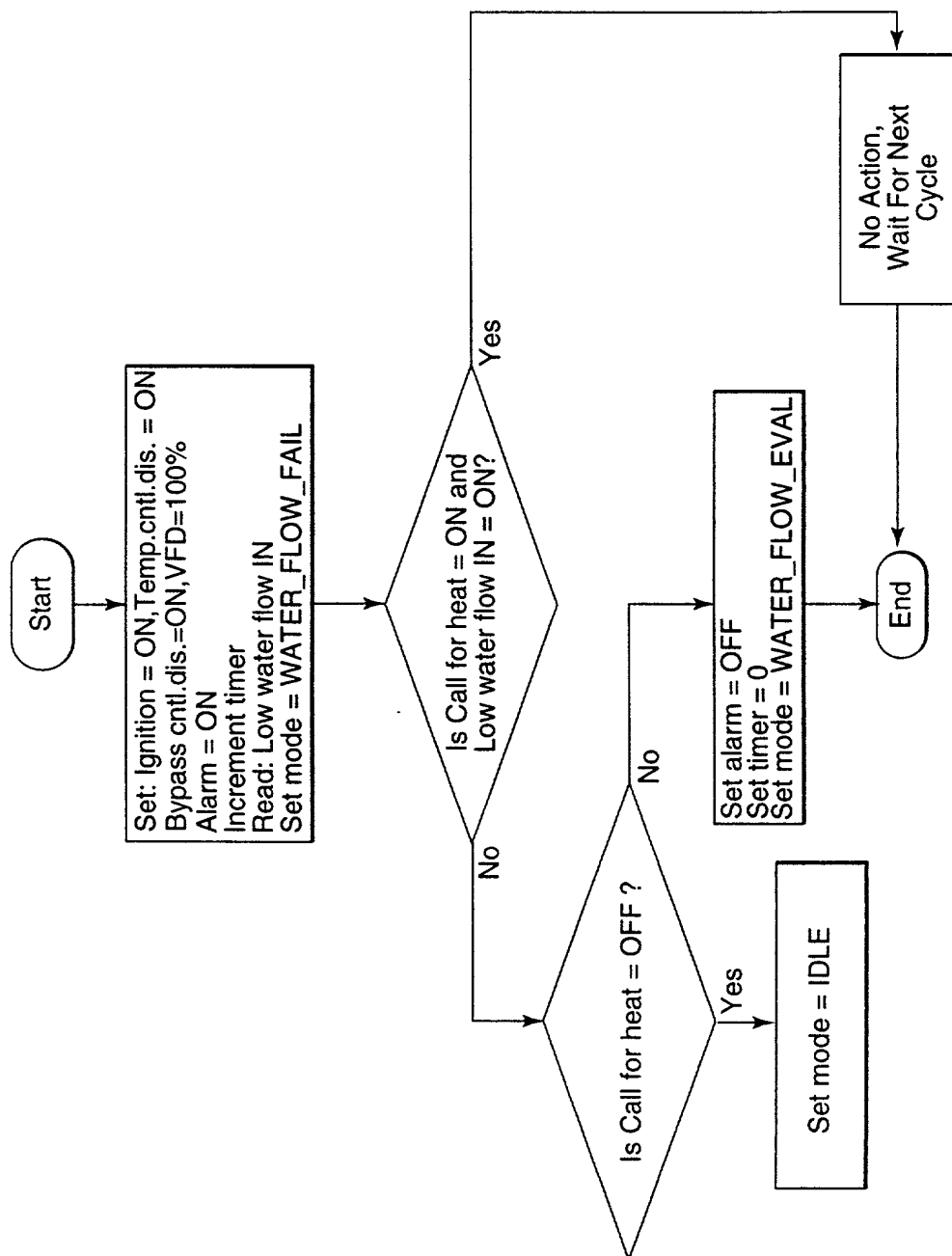


Fig. 9a

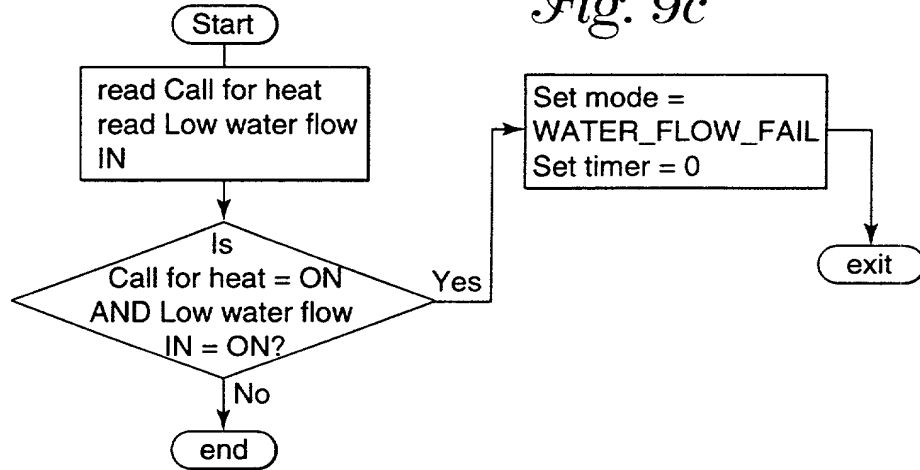
09738933-121500



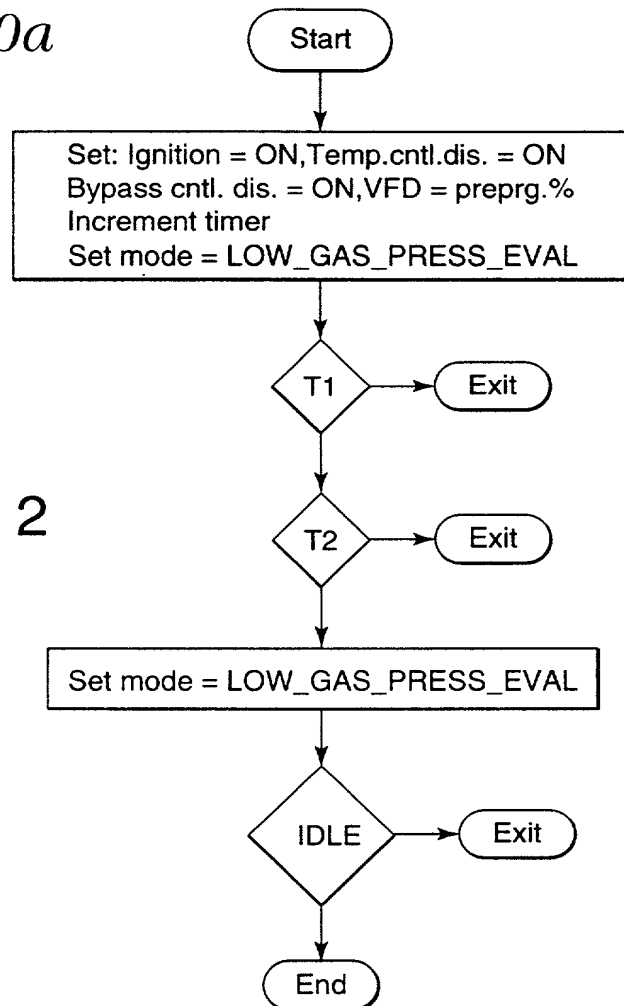
Mode 1A

Fig. 9b

T1

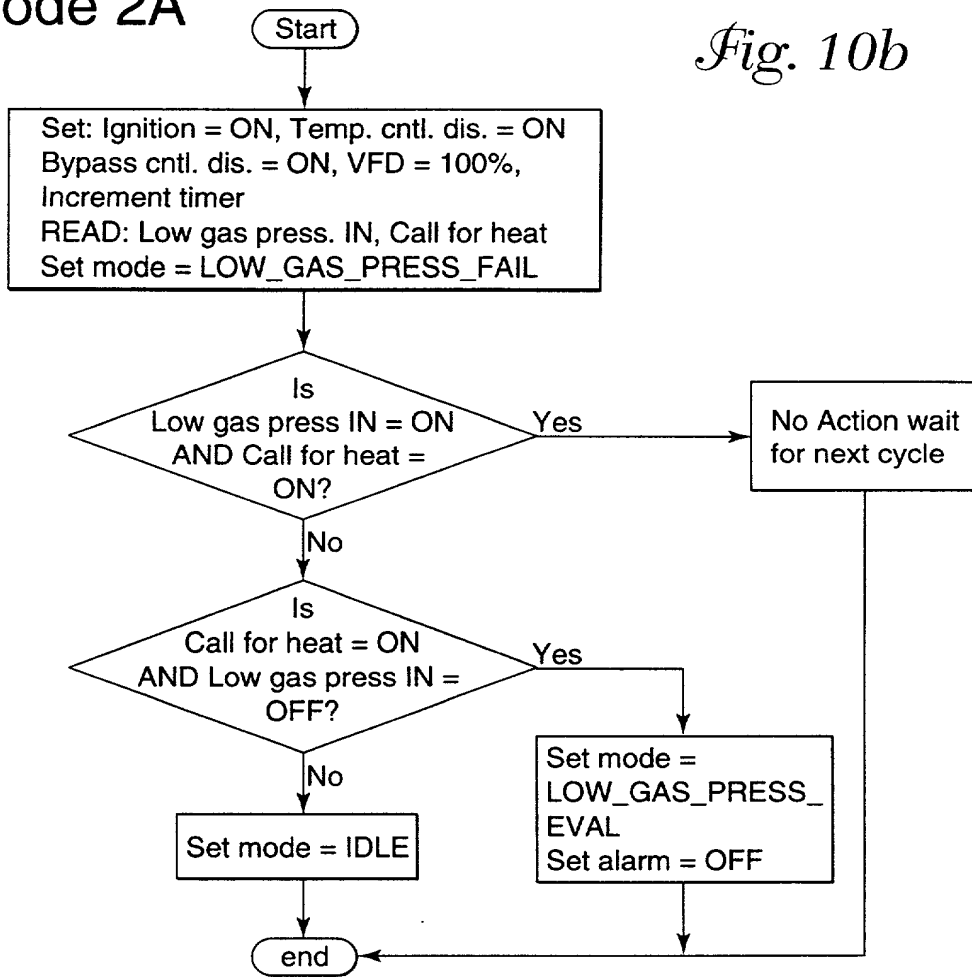
*Fig. 10a*

Mode 2



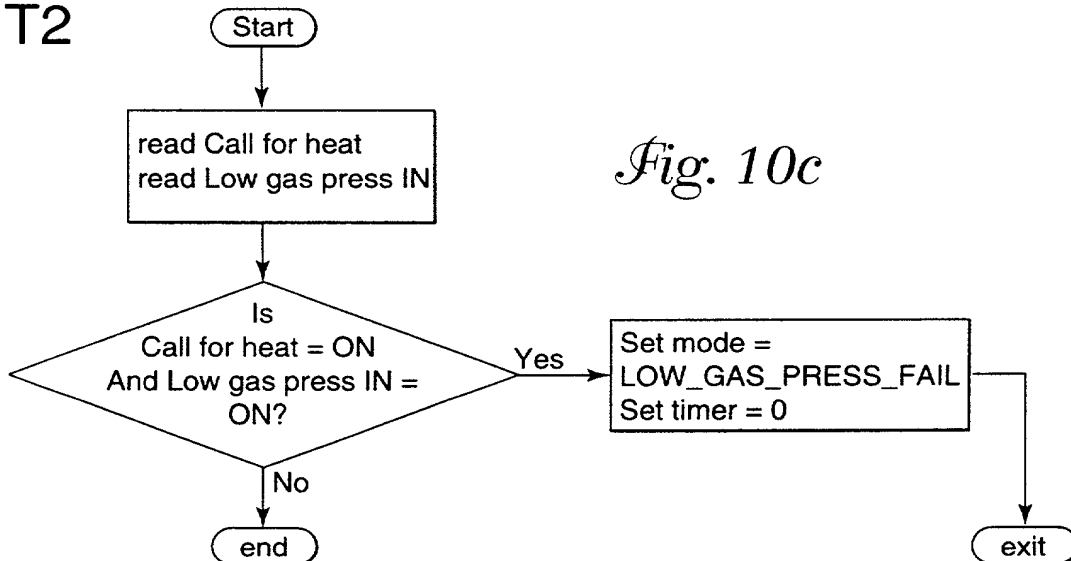
Mode 2A

Fig. 10b

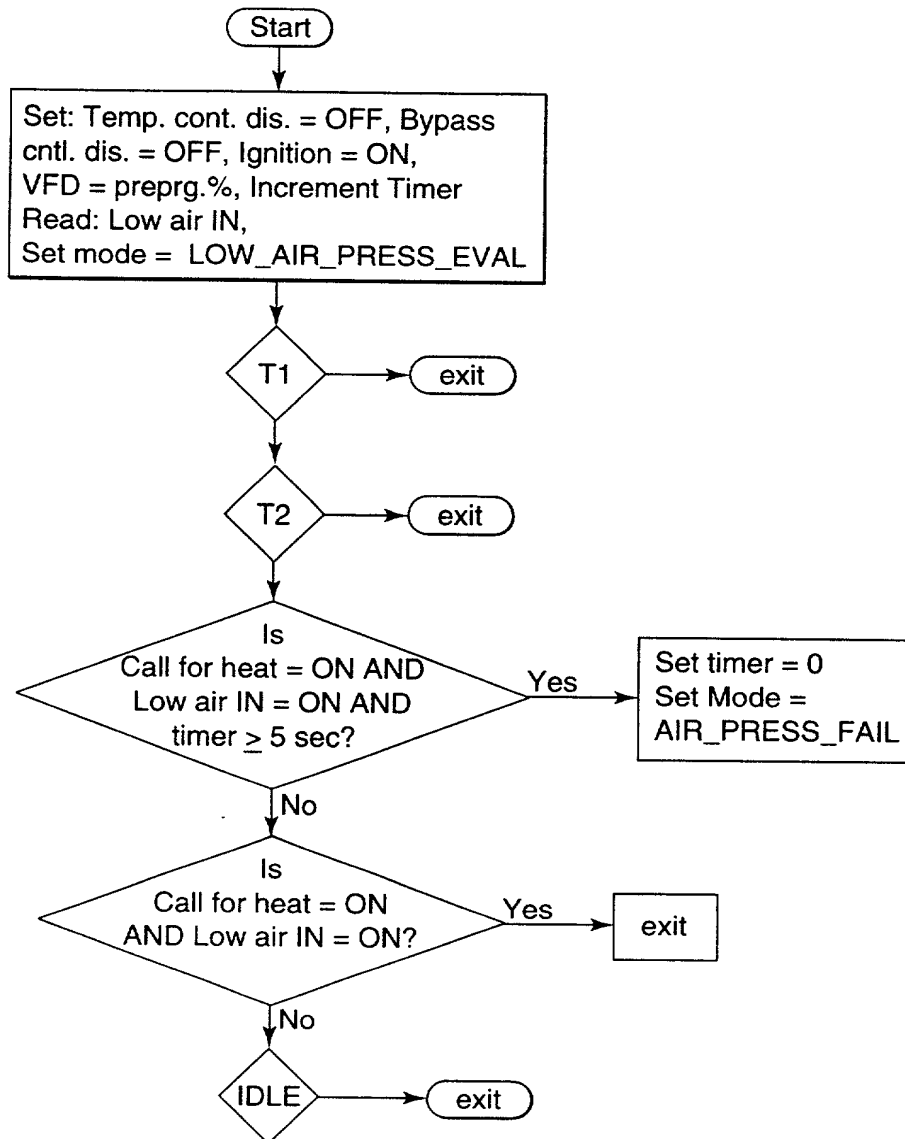


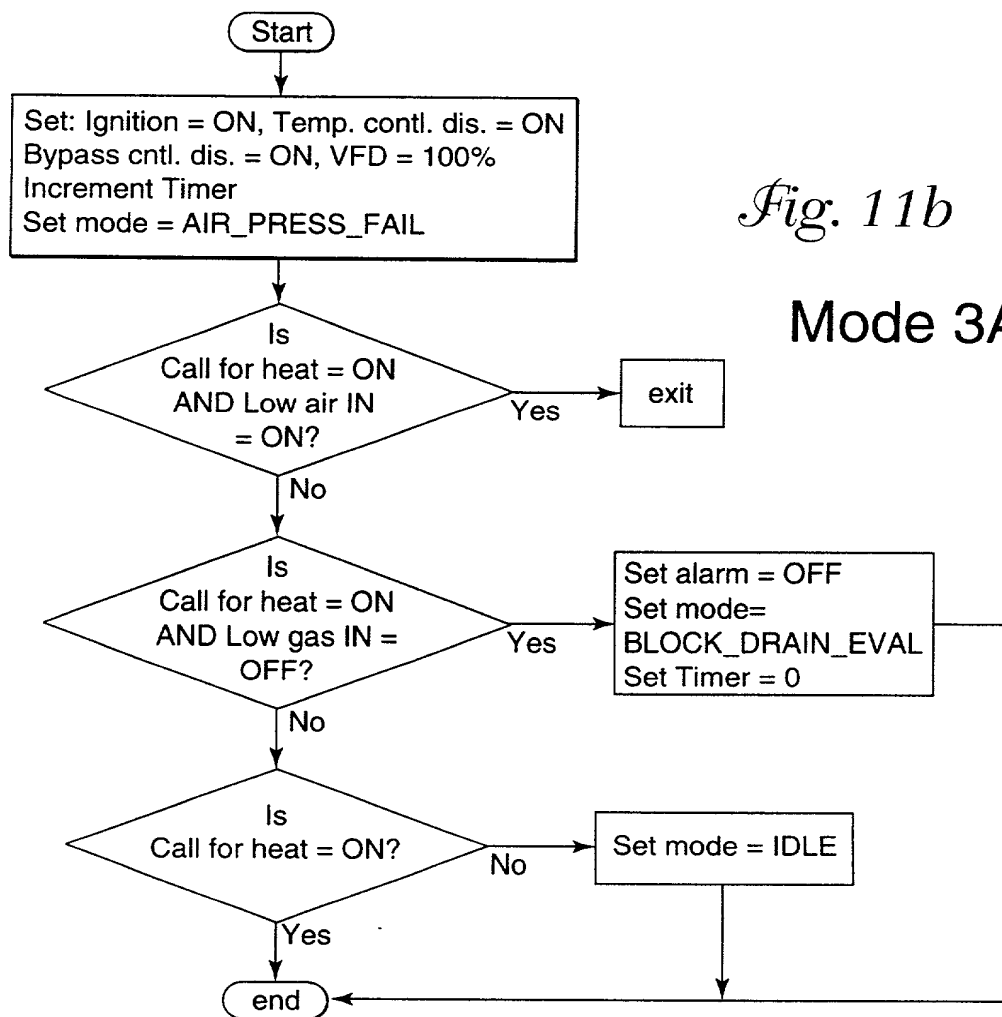
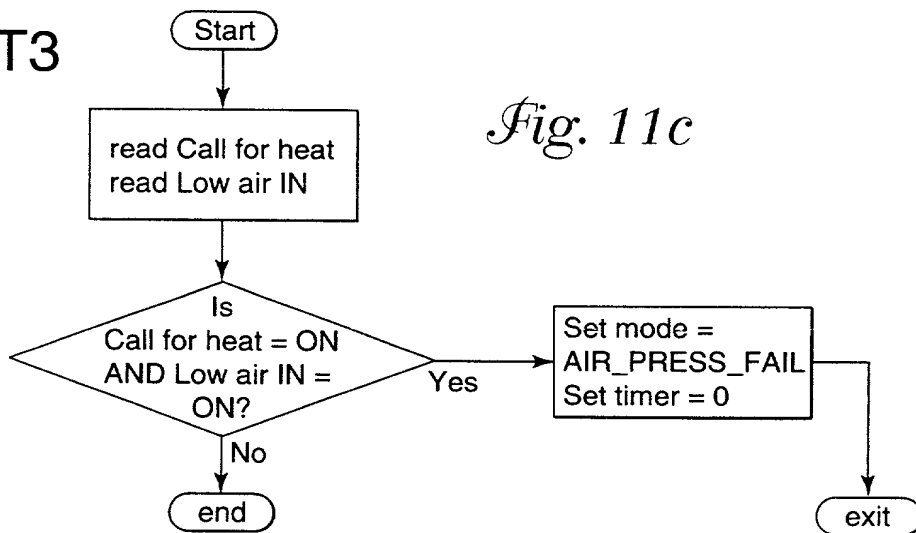
T2

Fig. 10c

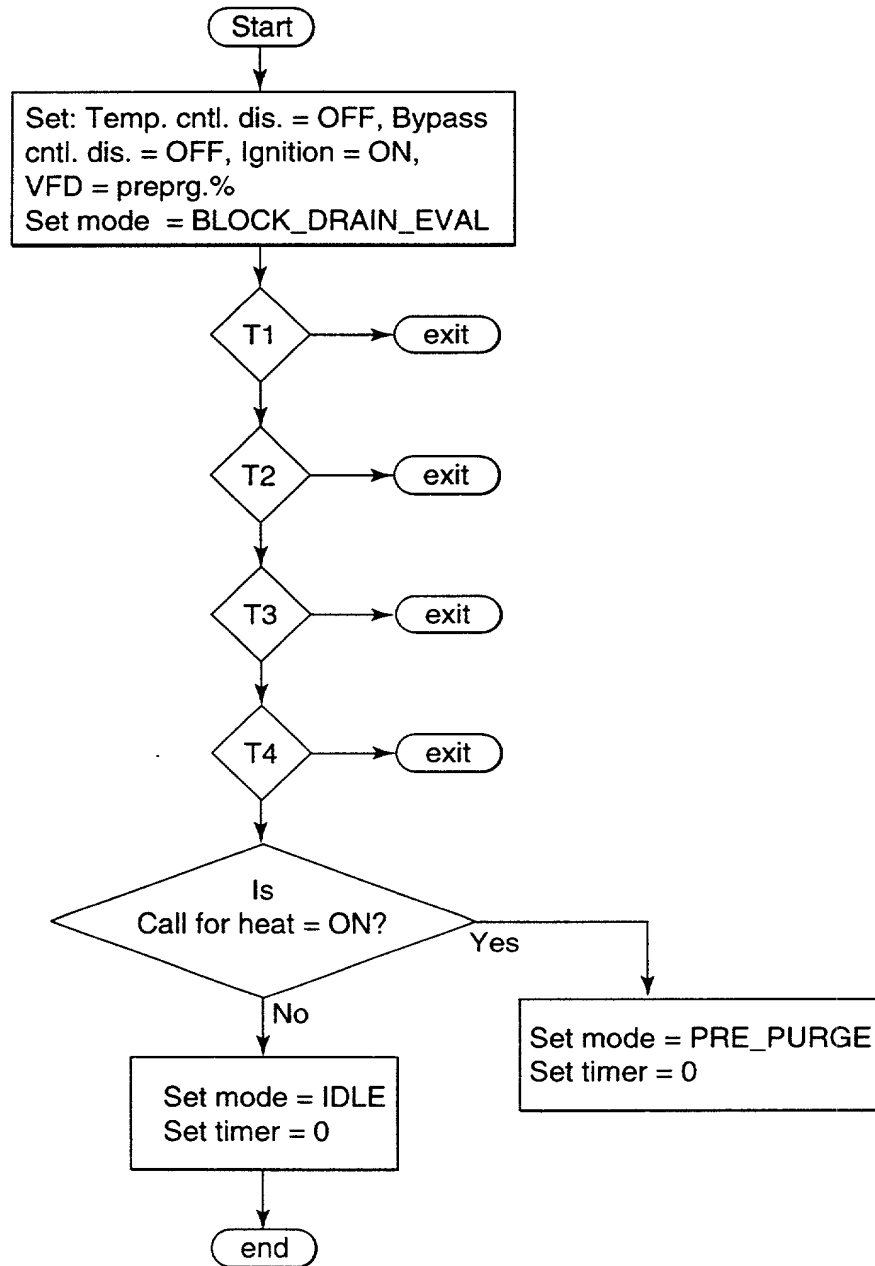


Mode 3

*Fig. 11a*

*Fig. 11b***Mode 3A****T3***Fig. 11c*

Mode 4

*Fig. 12a*

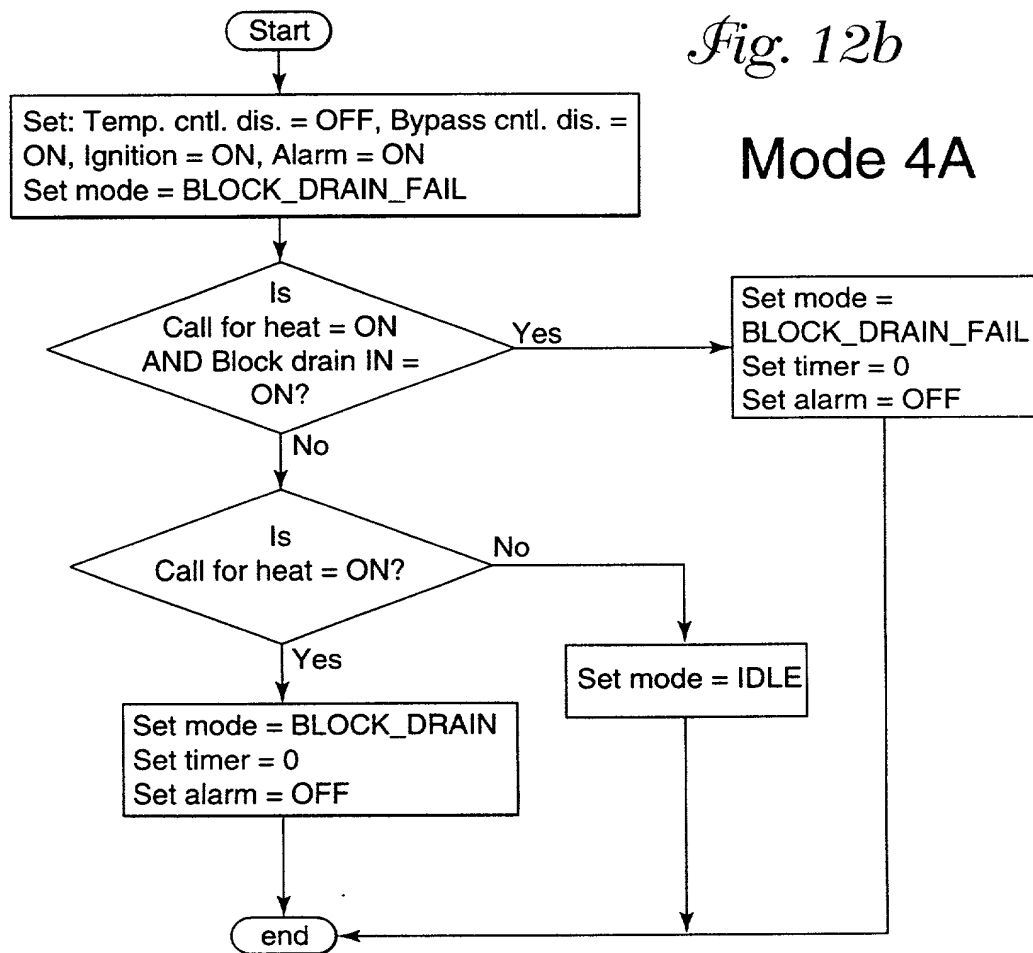
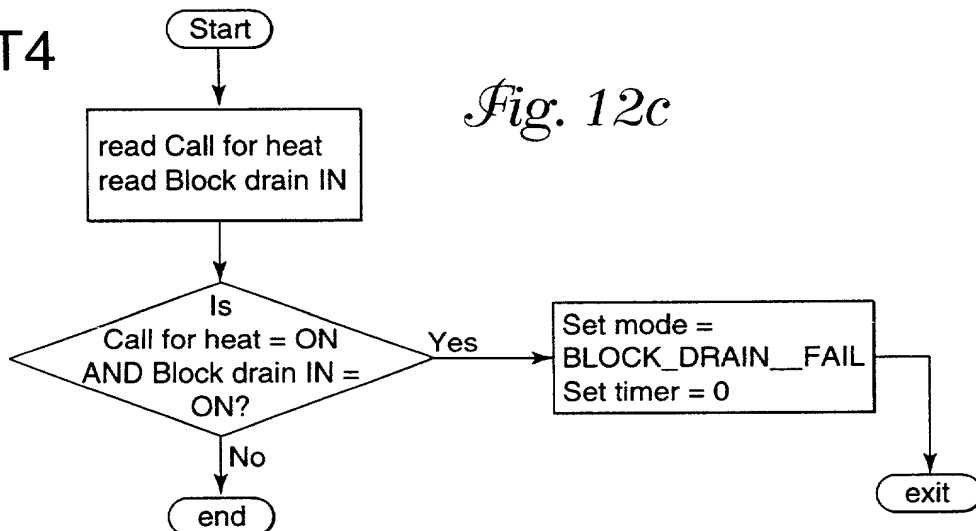
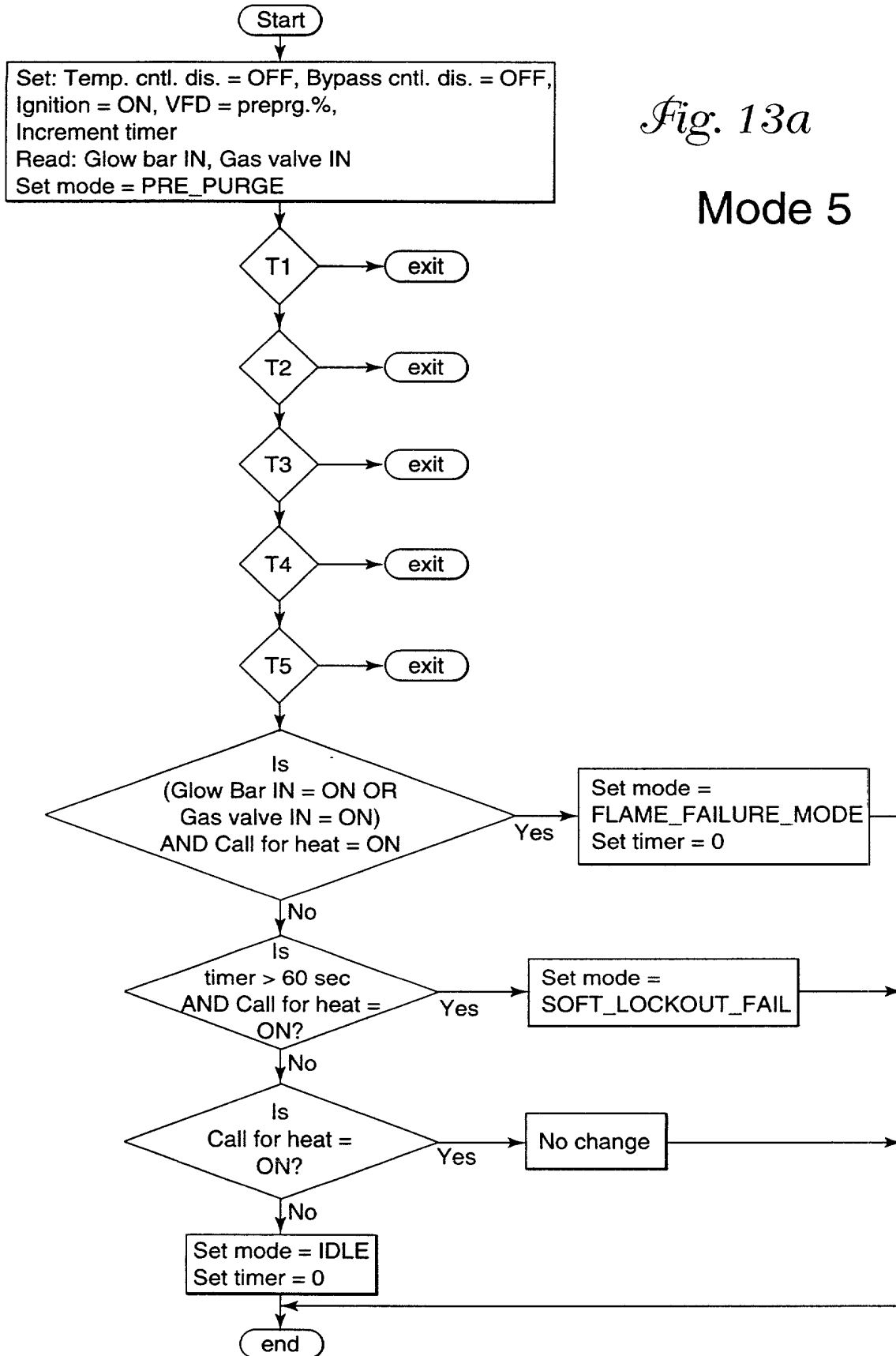
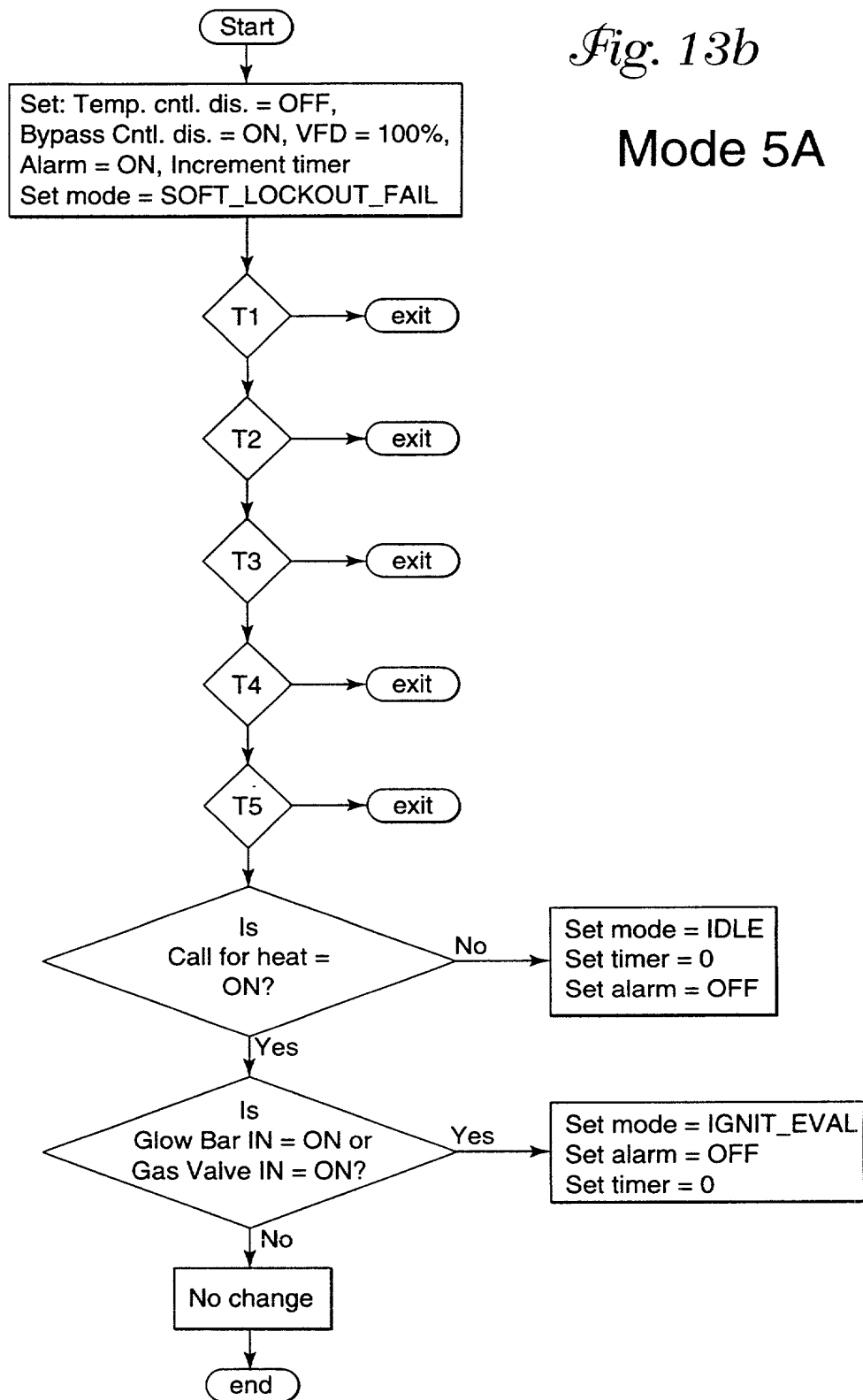
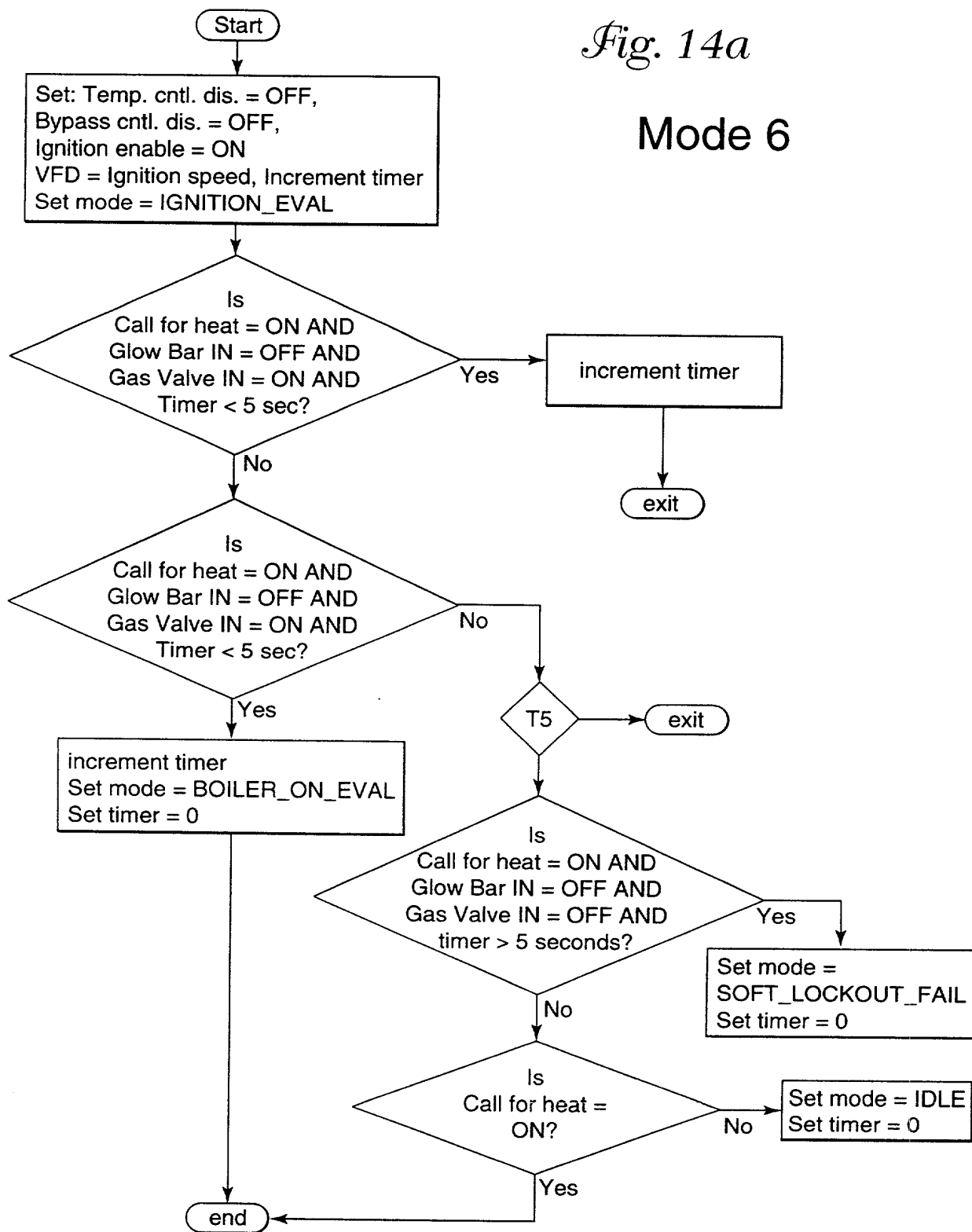
*Fig. 12b***Mode 4A****T4***Fig. 12c*

Fig. 13a

Mode 5



*Fig. 13b***Mode 5A**

*Fig. 14a***Mode 6**

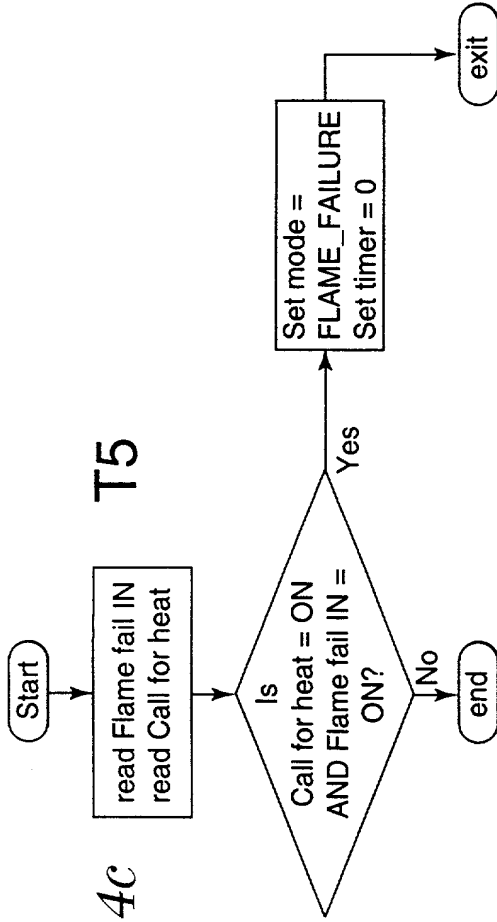


Fig. 14c

read Flame fail IN
read Call for heat

Set: Temp. cntl. dis. = OFF,
Bypass cntl. dis. = ON,
Ignition enable = ON, VFD = 100%
Set mode = FLAME_FAILURE

Mode 6A

Is
Call for heat = ON
AND Flame fail IN =
ON?

Yes

No

Is
Call for heat = ON
AND Flame fail IN =
OFF?

Yes

No

Set mode =
LOW_GAS_PRESSURE_FAIL
Set timer = 0
Set Alarm = OFF

Is
Call for heat = ON?

Yes

No

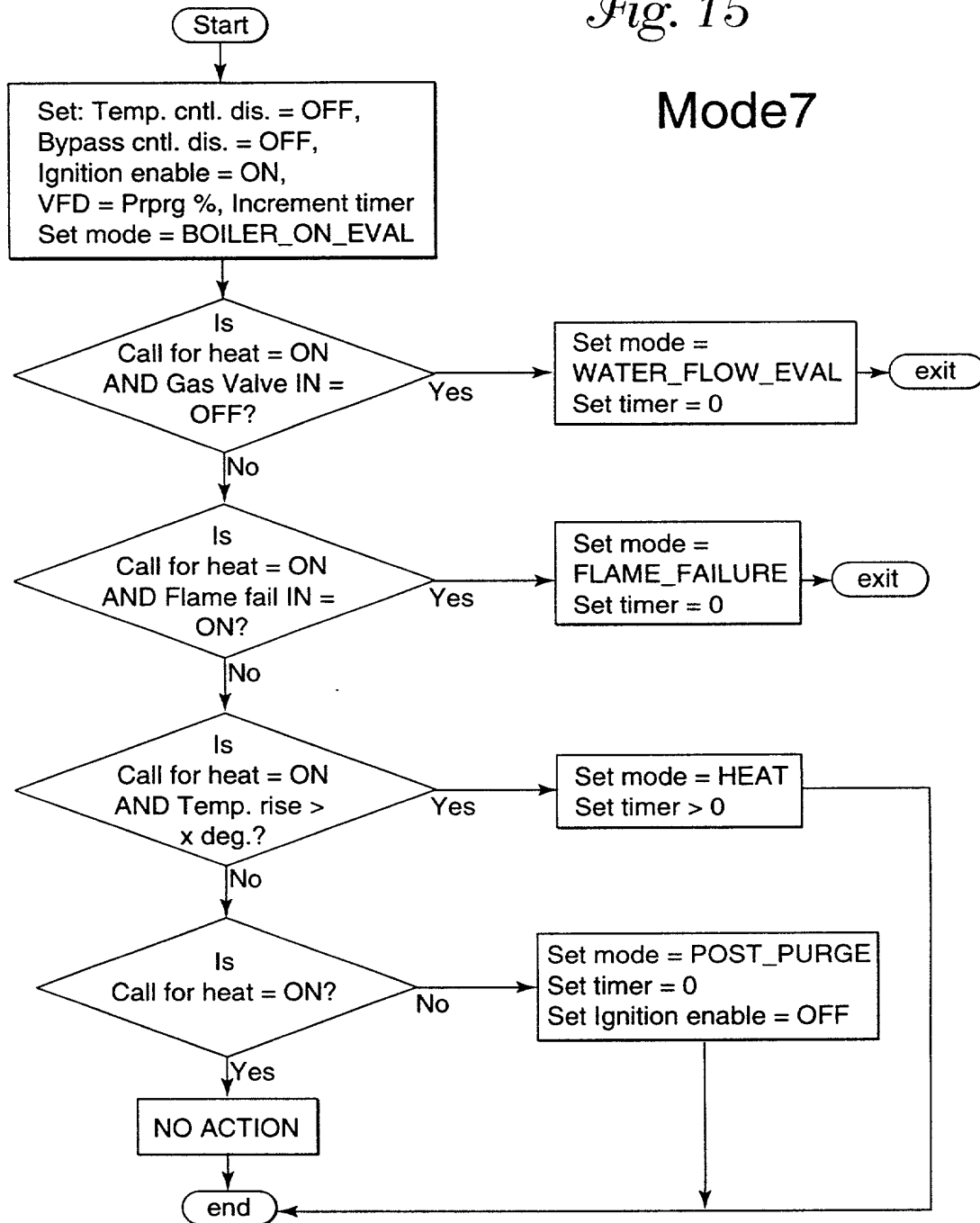
Set mode = IDLE
Set timer = 0

end

Fig. 14b

Fig. 15

Mode7



Mode 8

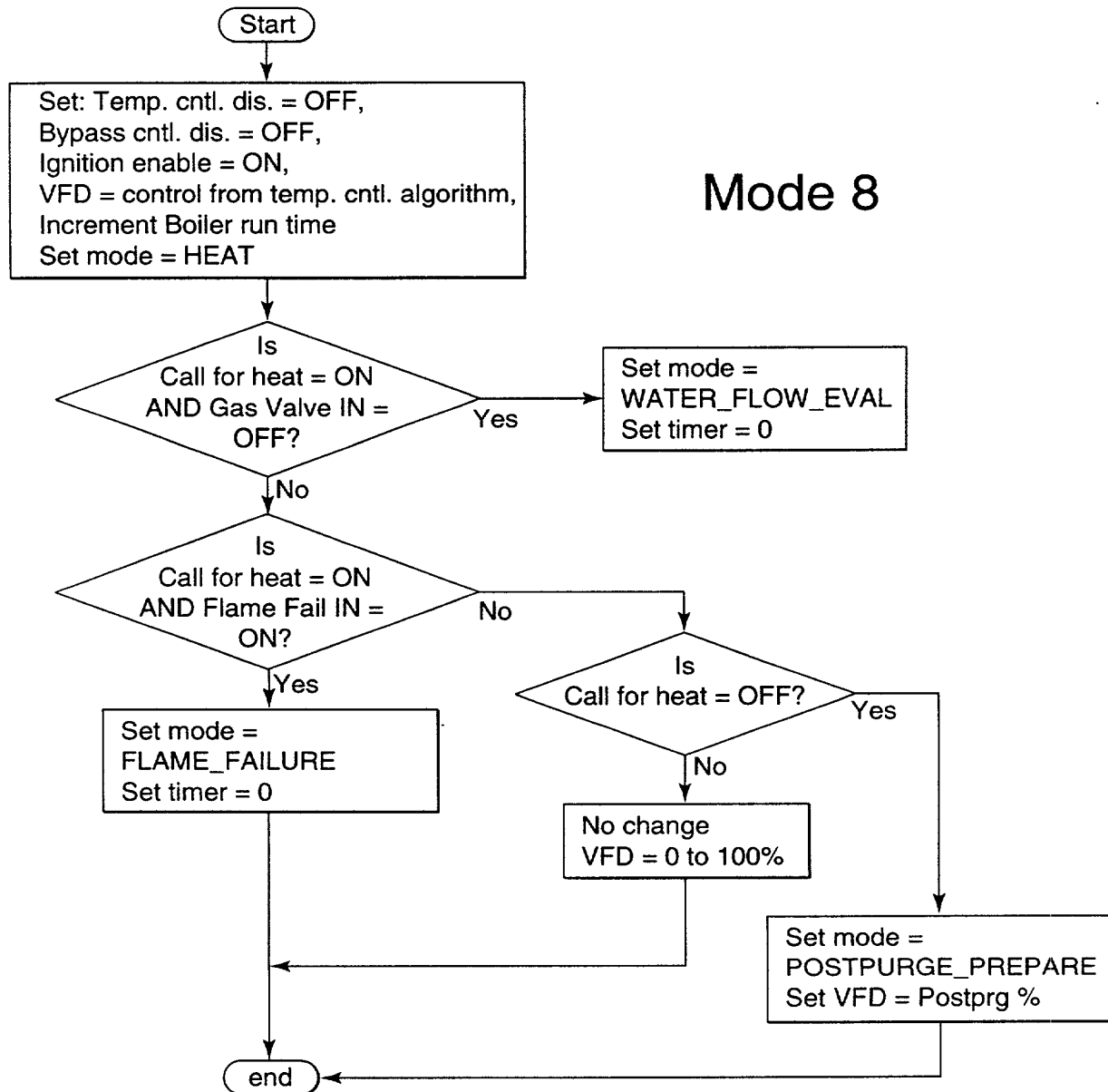
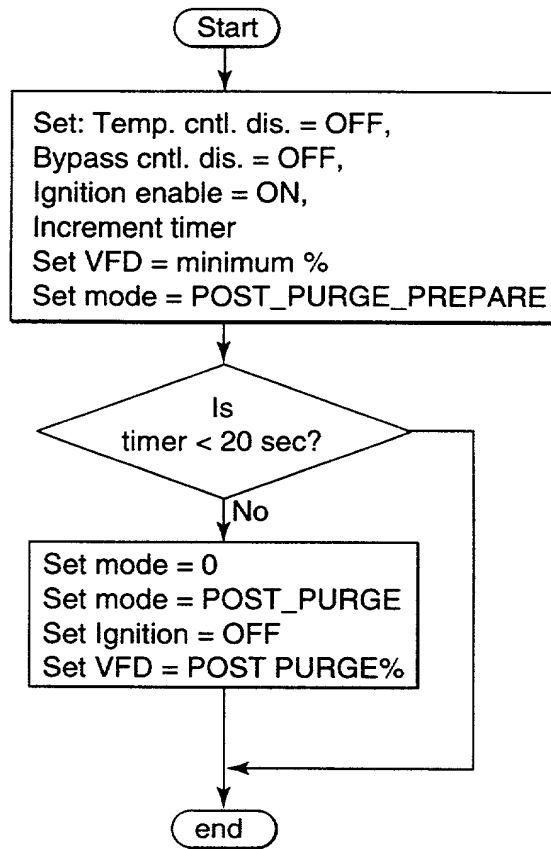
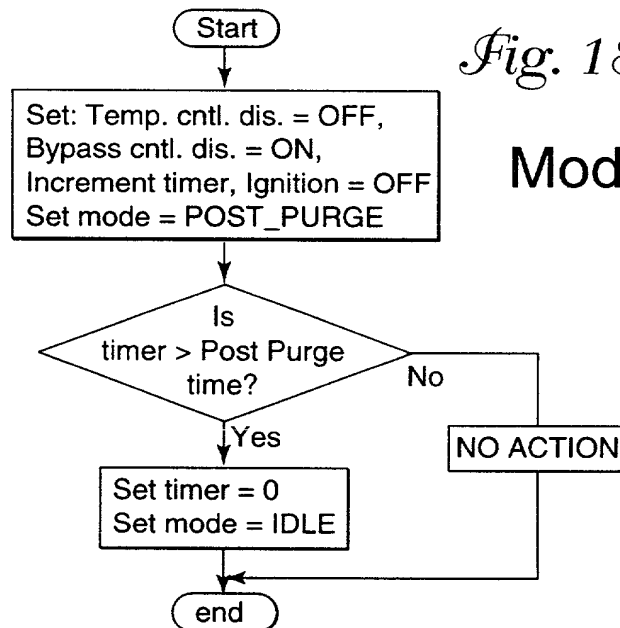


Fig. 16

*Fig. 17***Mode 9A***Fig. 18***Mode 9B**

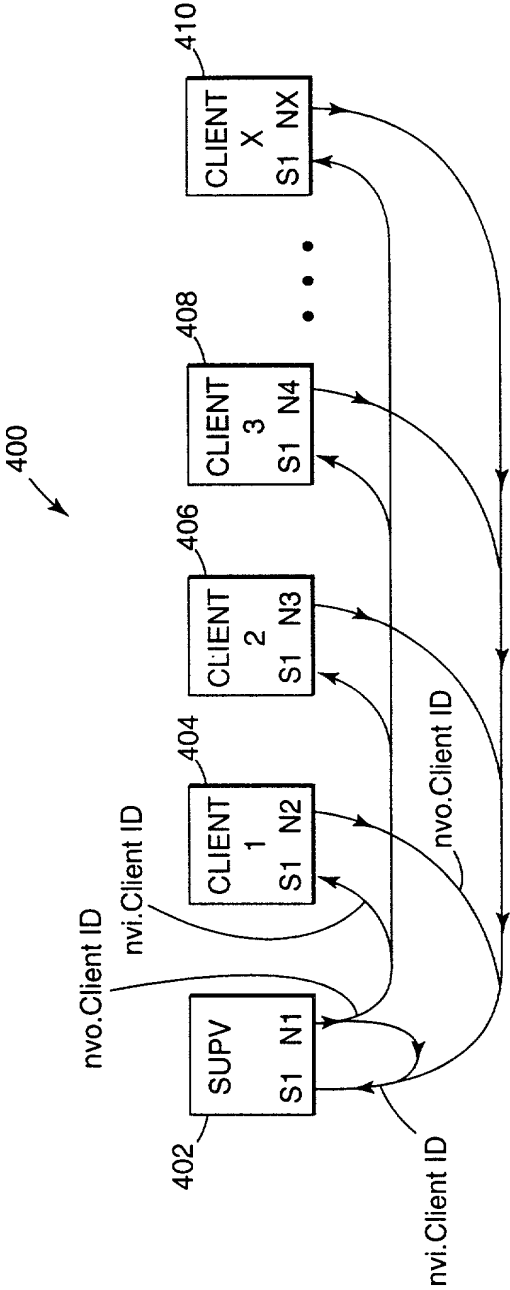


Fig. 19

Fig. 20

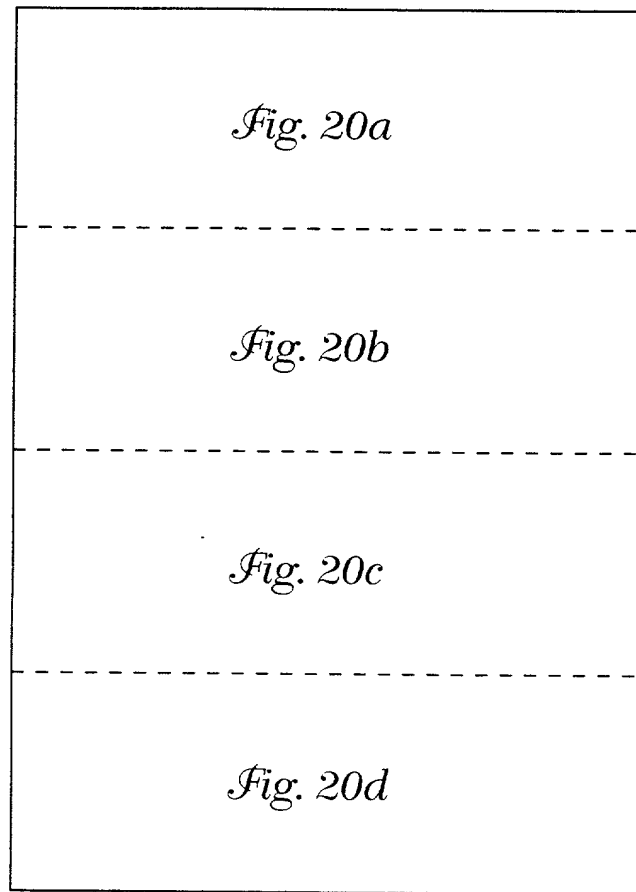


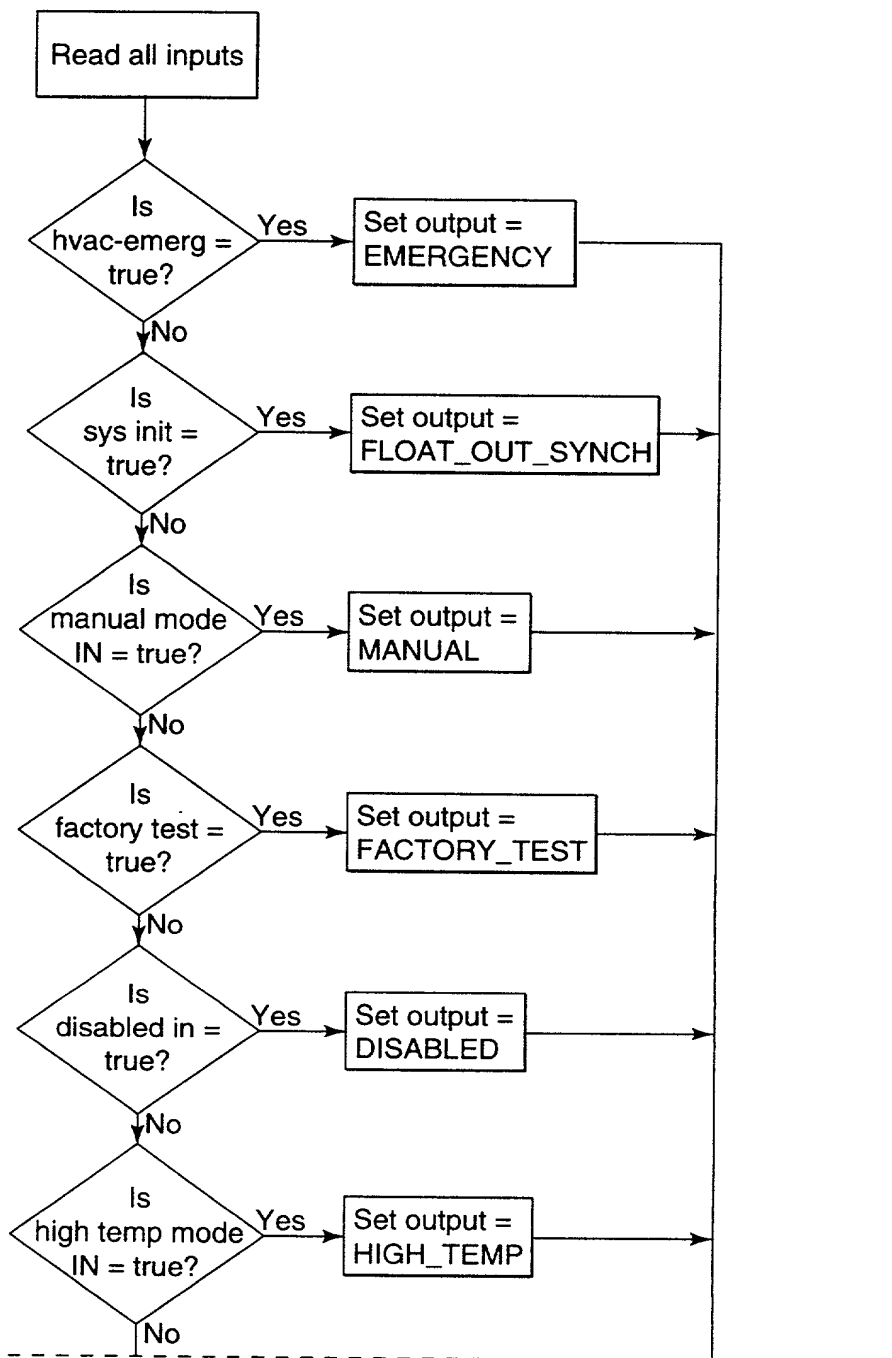
Fig. 20a

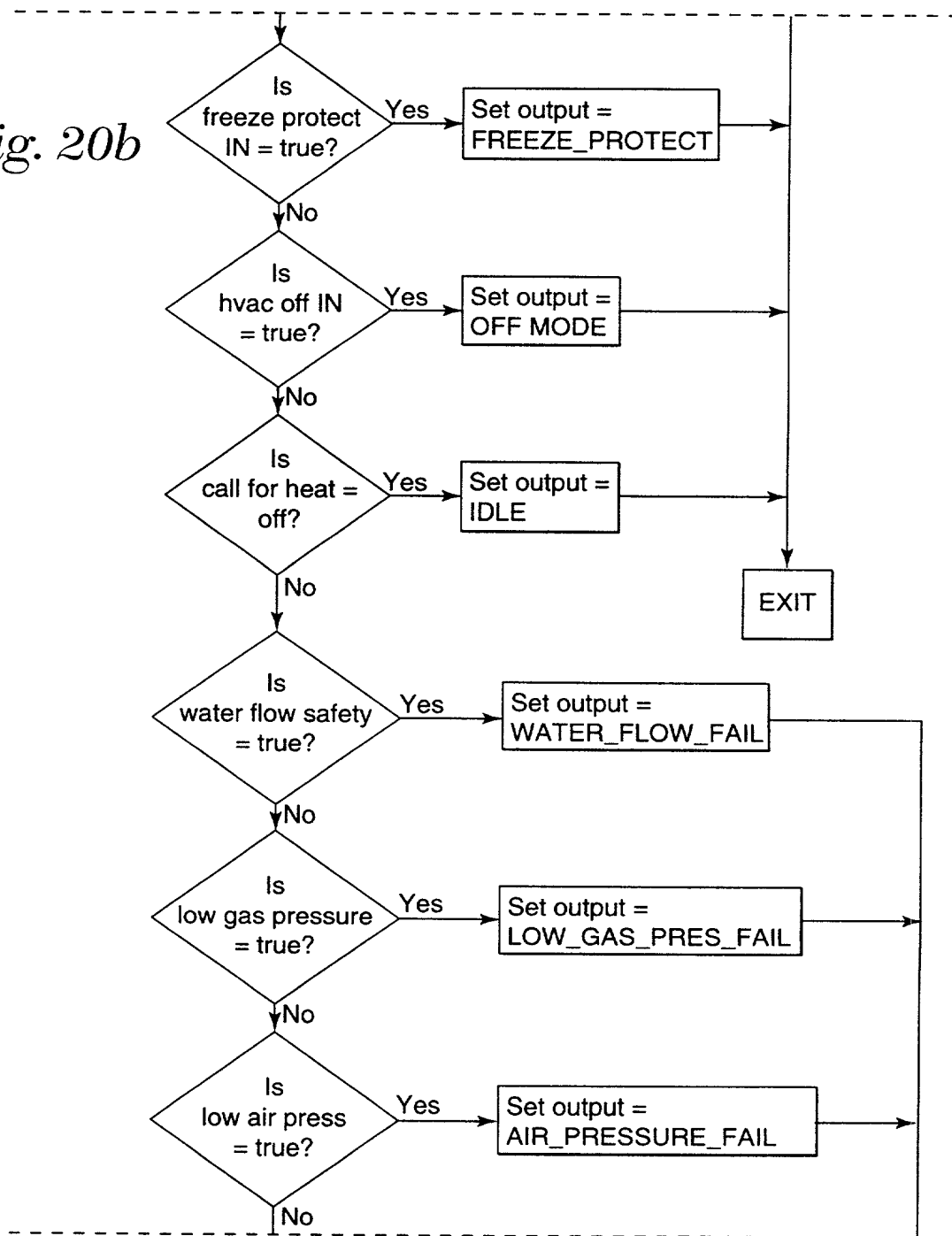
Fig. 20b

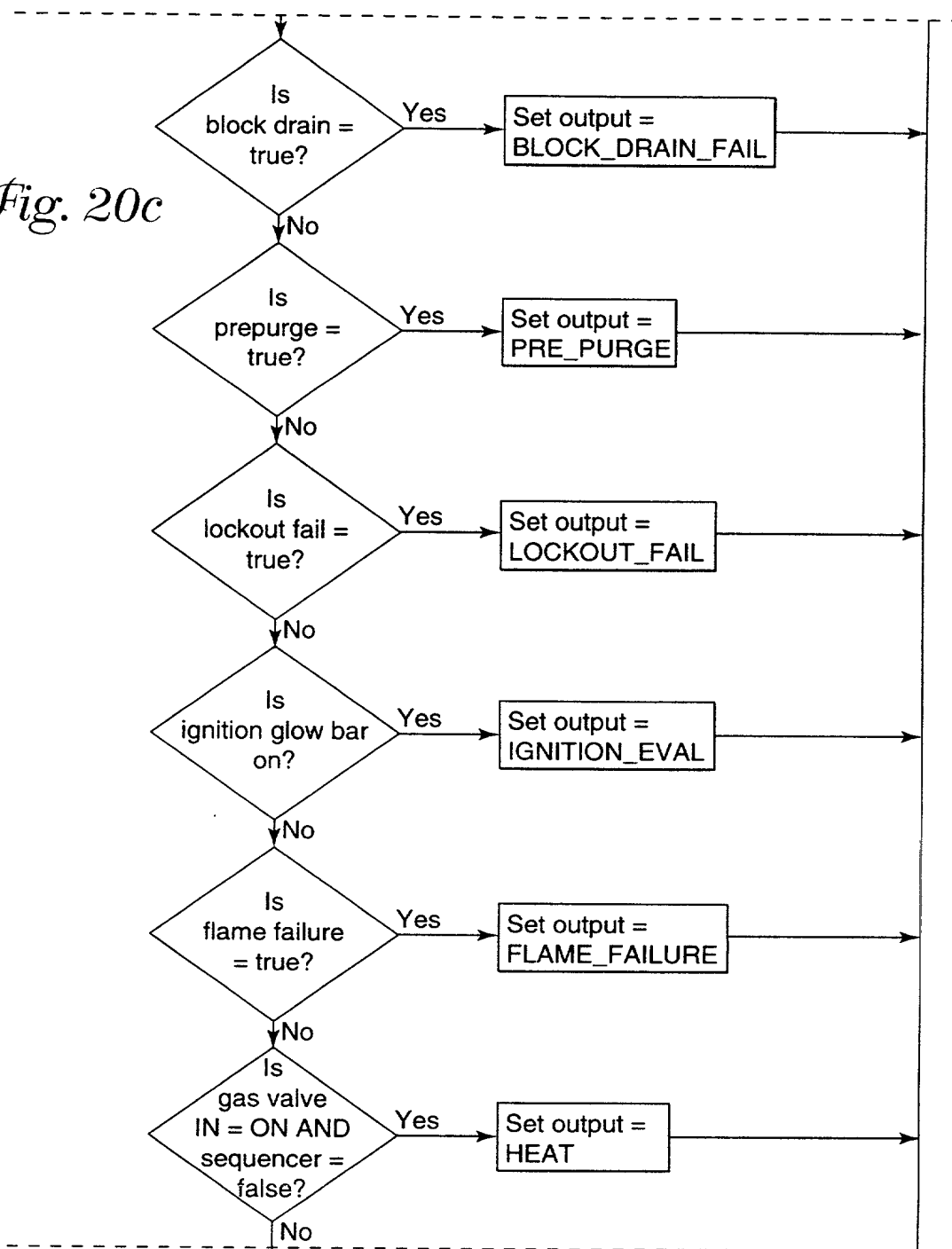
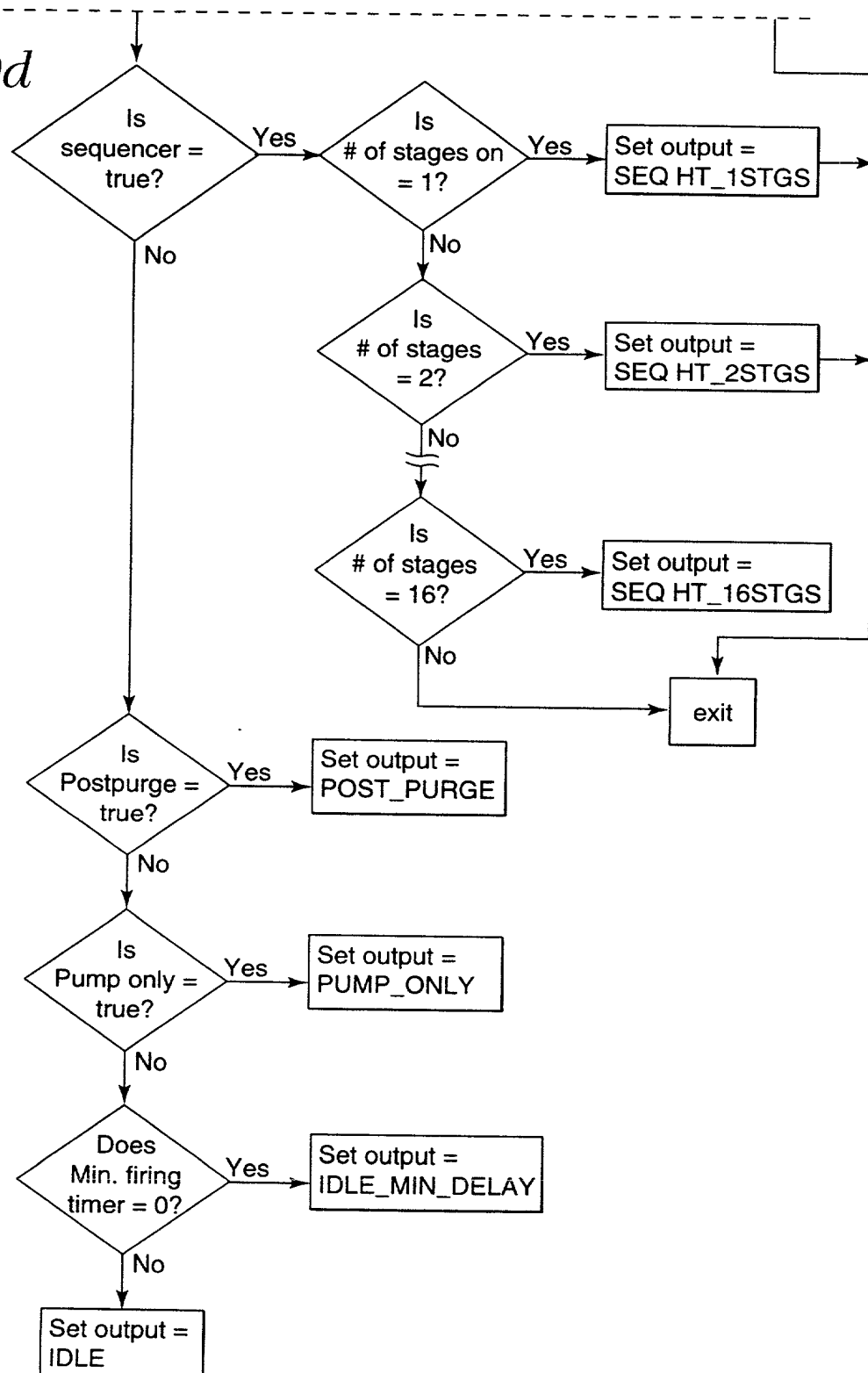
Fig. 20c

Fig. 20d



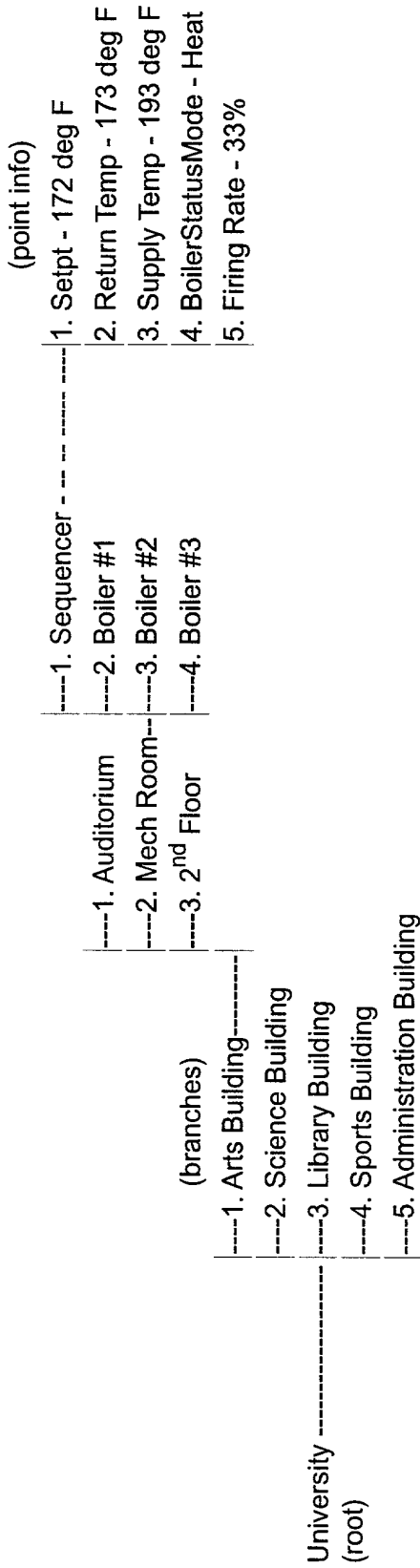


Fig. 21

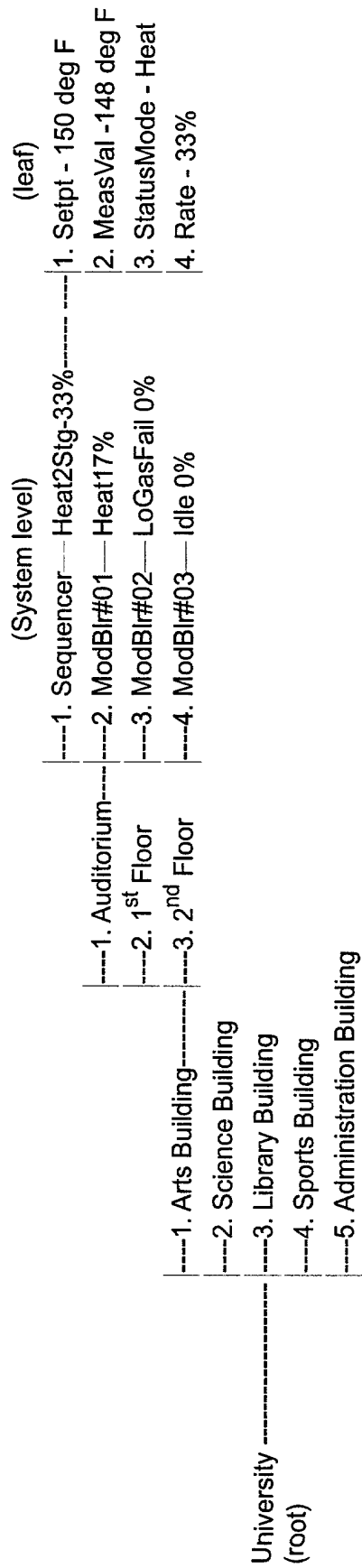


Fig. 22